

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

NTN CORPORATION

Application Nos.: **See Attached Sheets**

Filed: November 19, 2003

For: POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

RESUBMISSION OF POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

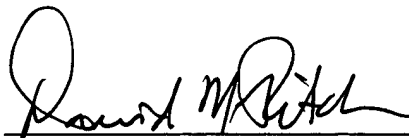
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Assignee of the commonly owned various applications identified herein respectfully requests the recordation of the POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS filed November 19, 2003. Attached are signed copies of *Statement and Certification Under 37 C.F.R. §3.73(b)* and *Power of Attorney by Assignee of Entire Interest and Revocation of Prior Powers* for 33 U.S. patent applications, as indicated by the serial number for each of them. Also attached, is a copy of the stamped post card indicating that these papers were received by the USPTO on November 19, 2003. To the best of our knowledge, most of these documents have not been recorded at the USPTO for the different applications, and the official USPTO mails is being sent to the old law firm whose power of attorney was revoked. Please advise when we can expect a resolution in this matter by telephoning the undersigned attorney.

Respectfully submitted,

STAAS & HALSEY LLP

By: 
David M. Pitcher
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Date: February 25, 2004

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Please Date Stamp and return **FEB 25 2004**

Power of Attorney by Assignee of Entire Interest and Revocation of Prior Powers (3 pages)
and Statement and Certification **37 C.F.R. §3.73(b)** (3 pages)

ASSIGNEE: NTN CORPORATION

ATTORNEY OF
RECORD STAAS & HALSEY LLP

DOCKET NO: 1761.0001/DMP:sbh

DUE DATE: N/A

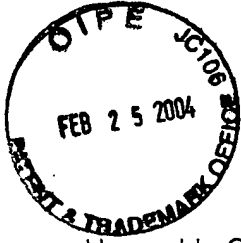
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STATEMENT AND CERTIFICATION UNDER 37 C.F.R. §3.73(b)

Honorable Commissioner of
Patents and Trademarks
P.O. Box 1450
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Sir:

This statement hereby certifies that the below-listed patent applications are owned and continue to be owned by the Assignee, NTN CORPORATION, by way of Inventor Assignments identified below:

| DOCKET No. | SERIAL No. | FILING DATE | INVENTOR(S) | TITLE | ASSIGNMENT RECORDATION DATE | REEL/FRAME |
|------------|------------|-------------------|----------------------------|---|-----------------------------|-------------|
| 1761.1001 | 09/944,589 | September 4, 2001 | Takayuki NORIMATSU | WHEEL BEARING ASSEMBLY | September 4, 2001 | 012151/0427 |
| 1761.1002 | 09/993,715 | November 27, 2001 | Yoshihisa KUDO, et al. | WORKSHOP FACILITY DESIGN AND OPERATION SUPPORT SYSTEM ENABLING VERIFICATION OF THE ENTIRE WORKSHOP TO BE PERFORMED EASILY | November 27, 2001 | 012327/0304 |
| 1761.1003 | 10/300,902 | November 21, 2002 | Kazuyoshi HARIMOTO, et al. | CONNECTING ROD AND BEARING-EQUIPPED CONNECTING ROD | November 21, 2002 | 013515/0851 |
| 1761.1004 | 09/880,931 | June 15, 2001 | Yasuhiro GOTOU, et al. | MACHINE COMPONENT MONITORING, DIAGNOSING AND SELLING SYSTEM | June 15, 2001 | 011919/0387 |
| 1761.1005 | 09/995,678 | November 29, 2001 | Takashi HOSOYA, et al. | CONSTANT VELOCITY UNIVERSAL JOINT | November 29, 2001 | 012329/0927 |
| 1761.1006 | 10/387,563 | March 14, 2003 | Yoshio FUJIKAWA, et al. | BEARING ASSEMBLY EQUIPPED WITH ROTATION SENSOR CAPABLE OF DETECTING HOME POSITION | March 14, 2003 | 013867/0861 |
| 1761.1007 | 10/377,755 | March 4, 2003 | Kenichi IWAMOTO, et al. | BEARING ASSEMBLY WITH ELECTRIC POWER GENERATOR | March 4, 2003 | 013837/0239 |
| 1761.1008 | 10/382,505 | March 7, 2003 | Masatoshi MIZUTANI, et al. | ROTATION DETECTING DEVICE AND WHEEL SUPPORT BEARING ASSEMBLY USING THE SAME | N/A | N/A |
| 1761.1009 | 10/299,836 | November 20, 2002 | Katsufumi ABE | ROCKER ARM | November 20, 2002 | 013511/0973 |
| 1761.1010 | 10/059,249 | January 31, 2002 | Masatoshi NIINA | SHELL TYPE ROLLER BEARING ASSEMBLY | January 31, 2002 | 012555/0324 |

| DOCKET No. | SERIAL No. | FILING DATE | INVENTOR(S) | TITLE | ASSIGNMENT RECORDATION DATE | REEL/FRAME |
|-------------|------------|--------------------|----------------------------|---|-----------------------------|-------------|
| 1761.1011 | 10/098,369 | March 18, 2002 | Yasuaki TAKAHASHI, et al. | CAGED ROLLER ASSEMBLY AND REDUCTION GEAR UNIT USING THE SAME | March 18, 2002 | 012718/0252 |
| 1761.1012 | 10/634,762 | August 3, 2003 | Masahiko KATAOKA, et al. | ROCKER ARM | N/A | N/A |
| 1761.1013 | 10/382,656 | March 7, 2003 | Toru TAKAHASHI, et al. | ROTATION DETECTING DEVICE AND ANTI-SKID BRAKING SYSTEM USING THE SAME | March 7, 2003 | 013864/0240 |
| 1761.1014 | 10/377,757 | March 4, 2003 | Hidehiko NISHIJIMA, et al. | FOIL BEARING AND SPINDLE DEVICE USING THE SAME | N/A | N/A |
| 1761.1015 | 10/090,752 | March 6, 2002 | Hisashi OHTSUKI, et al. | WHEEL SUPPORT BEARING ASSEMBLY | March 6, 2002 | 012672/0938 |
| 1761.1016 | 09/972,949 | October 10, 2001 | Ryutaro OKA | BEARING ASSEMBLY WITH TEMPERATURE SENSOR | October 10, 2001 | 012249/0530 |
| 1761.1017 | 10/321,553 | December 18, 2002 | Takashi KOIKE, et al. | SENSOR-EQUIPPED BEARING ASSEMBLY AND MOTOR USING THE SAME | December 18, 2002 | 013623/0219 |
| 1761.1018 | 10/251,800 | September 23, 2002 | Tatsuo NAKAJIMA | MAGNETIC ENCODER AND WHEEL BEARING ASSEMBLY USING THE SAME | September 23, 2002 | 013321/0628 |
| 1761.1019 | 10/091,579 | March 7, 2002 | Koichi OKADA, et al. | WHEEL SUPPORT BEARING ASSEMBLY | October 21, 2002 | 013421/0618 |
| 1761.1020 | 10/013,552 | December 13, 2001 | Takashi NOZAKI, et al. | WHEEL SUPPORT ASSEMBLY FOR TRANSMITTING A DRIVE FORCE FROM AN ELECTRIC MOTOR TO A WHEEL | March 22, 2002 | 012712/0321 |
| 1761.1021 | 09/709,390 | November 13, 2000 | Hisashi OHTSUKI, et al. | WHEEL BEARING AND SEALING DEVICE THEREFOR | November 13, 2000 | 011309/0694 |
| 1761.1021 D | 10/607,198 | June 27, 2003 | Hisashi OHTSUKI, et al. | WHEEL BEARING AND SEALING DEVICE THEREFOR | N/A | N/A |
| 1761.1022 | 10/185,015 | July 1, 2002 | Kanji NAKAMURA, et al. | GRINDING SLUDGE COMPACTING MACHINE | July 1, 2002 | 013070/0994 |
| 1761.1023 | 10/244,472 | September 17, 2002 | Takayuki NORIMATSU | MAGNETIC ENCODER AND WHEEL BEARING ASSEMBLY USING THE SAME | September 17, 2002 | 013309/0541 |
| 1761.1024 | 09/989,458 | November 21, 2001 | Isamu YOSHIDA, et al. | POWERED STEERING DEVICE AND BALL SCREW MECHANISM THEREFOR | November 21, 2001 | 012319/0071 |
| 1761.1025 | 09/835,390 | April 17, 2001 | Shoji ITOMI | ROTATIONAL ANGLE SENSOR ASSEMBLY | April 17, 2001 | 011719/0663 |
| 1761.1026 | 10/621,404 | July 18, 2003 | Sadaji KATOGLI, et al. | WHEEL SUPPORT BEARING ASSEMBLY | N/A | N/A |

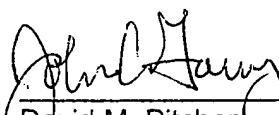
| DOCKET No. | SERIAL NO. | FILING DATE | INVENTOR(S) | TITLE | ASSIGNMENT RECORDATION DATE | REEL/FRAME |
|-------------|------------|--------------------|-------------------------|--|-----------------------------|-------------|
| 1761.1027 | 10/033,910 | January 3, 2002 | Michio IHARA, et al. | METHOD OF MANUFACTURING OUTER RACES FOR TRIPOD-TYPE CONSTANT VELOCITY UNIVERSAL JOINTS | January 3, 2002 | 012433/0163 |
| 1761.1028 | 10/317,114 | December 12, 2002 | Koichi OKADA | VEHICLE MOUNTED BEARING ASSEMBLY | December 12, 2002 | 013573/0773 |
| 1761.1029 | 09/838,340 | April 20, 2001 | Kanji NAKAMURA, et al. | RECYCLE OF GRINDING SLUDGE | April 20, 2001 | 011734/0370 |
| 1761.1031 | 09/638,019 | August 15, 2000 | Hisashi OHTSUKI, et al. | SEALING DEVICE FOR A BEARING | August 14, 2000 | 011042/0507 |
| 1761.1031 D | 10/254,579 | September 26, 2002 | Hisashi OHTSUKI, et al. | SEALING DEVICE FOR A BEARING | August 14, 2000 | 011042/0507 |
| 1761.1048 | 10/649,675 | August 28, 2003 | Katsufumi ABE | ROCKER ARM | | |
| 1761.1049 | 10/654,965 | September 5, 2003 | Hisashi OHTSUKI | WHEEL SUPPORT BEARING ASSEMBLY | | |

If there are any fees associated with the filing of this Statement and Certification, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: November 19, 2003

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